

AMENDMENTS TO THE CLAIMS

1. (Currently amended): A mobile information network browser device with audio feedback capability, the information network comprising a plurality of network servers, the browser device comprising:

a wireless communication interface operable to transmit data to a network server, and to receive data from the network server;

an audio interface operable to receive data from the wireless communication interface; wherein the data transmitted to the network server includes a request for information, and the data received from the network server includes information responsive to the request;

an audio converter, the audio converter being operable to receive the information responsive to the request, the audio converter being further operable to convert the responsive information to an audio signal; and

a short-range radio, wherein the audio converter outputs the audio signal to the short-range radio, the short-range radio being operable to broadcast the audio signal to a channel on a car radio.

2. (Original): The browser device, as set forth in claim 1, further comprising: a voice interaction system operable to recognize commands from a user's speech input for interaction with the browser device including the request for information.

3. (Canceled)

4. (Currently amended): The browser device, as set forth in claim 2, wherein the audio ~~output device includes~~ converter outputs the audio signal to at least one audio speaker.

5. (Currently amended): The browser device, as set forth in claim 1 3, wherein the audio ~~output device includes~~ converter outputs the audio signal to a set of headphones.

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6. (Canceled)

7. (Canceled)

8. (Currently amended): The browser device, as set forth in claim 1 3, wherein the audio output device includes converter outputs the audio signal to a cassette adapter.

9. (Currently amended): The browser device, as set forth in claim 1 3, wherein the audio output device includes converter outputs the audio signal to a data storage medium.

10. (Original): The browser device, as set forth in claim 2, further comprising: a microphone for receiving the speech input from the user.

11. (Original): The browser device, as set forth in claim 1, further comprising: first program instructions for converting the responsive information from a text format to an audio format.

12. (Original): The browser device, as set forth in claim 11, wherein the first program instructions are loaded and executed in the network server.

13. (Original): The browser device, as set forth in claim 11, wherein the first program instructions are loaded and executed in the audio interface.

14. (Original): The browser device, as set forth in claim 1, further comprising: first program instructions for encrypting the user input prior to being transmitted to the wireless communication interface.

15. (Original): The browser device, as set forth in claim 1, further comprising: first program instructions for decrypting the responsive information.

16. (Original): The browser device, as set forth in claim 1, further comprising:

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first program instructions for compressing the user input prior to being transmitted to the wireless communication interface.

17. (Original): The browser device, as set forth in claim 1, further comprising: first program instructions for decompressing the responsive information.

18. (Original): The browser device, as set forth in claim 1, further comprising: first program instructions for allowing the user to enter personal information to customize interaction with the browser device.

19. (Canceled)

20. (Canceled)

21. (Original): The browser device, as set forth in claim 1, further comprising: an input buffer for storing the responsive information until the user commands the browser device to playback the responsive information.

22. (Canceled)

23. (Currently amended): The browser device, as set forth in claim 1, further comprising:
a position-keeping system for providing the geographic location of the browser device ~~mobile audio device~~ to the network server via the wireless communication network, wherein the responsive information is based on the geographic location of the browser device ~~mobile audio device~~.

24. (Currently amended): A portable browser system with feedback capability for browsing an information network comprising:
~~a wireless communication network;~~
at least one data processor in communication with ~~a~~ the wireless communication network, the at least one data processor being operable to execute first program

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instructions for receiving a user's input, second program instructions for requesting information from the information network, third program instructions for receiving responsive information from the information network, and fourth program instructions for transmitting the responsive information received from the information network; and
an audio output device operable to receive the responsive information from the data processor, the audio output device being further operable to output the responsive information to the user in audio format;
a position-keeping system operable to determine the geographic location of the portable browser system; and
a location processor operable to issue an alert when the portable browser system is approaching an area where there is an incidence of wireless data communication loss greater than a pre-selected threshold.

25. (Currently amended): The browser system, as set forth in claim 24, further comprising:
a voice interaction system operable to recognize commands from a user's speech input to interact for interaction with the browsing browser system.

26. (Original): The browser system, as set forth in claim 24, further comprising:
an audio converter coupled to the audio output device, the audio converter being operable to receive the responsive information from the data processor, the audio converter being further operable to convert the responsive information to an audio signal for output to the audio output device.

27. (Original): The browser system, as set forth in claim 24, wherein the audio output device includes at least one audio speaker.

28. (Original): The browser system, as set forth in claim 24, wherein the audio output device includes a cassette adapter.

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29. (Original): The browser system, as set forth in claim 24, wherein the audio output device includes a data storage medium.

30. (Original): The browser system, as set forth in claim 24, wherein the audio output device includes a set of headphones.

31. (Original): The browser system, as set forth in claim 24, wherein the audio output device includes a short-range wireless radio, the audio converter being operable to output the audio signal to the short-range wireless radio, the short-range wireless radio being operable to broadcast the audio signal to a channel on a car radio.

32. (Original): The browser system, as set forth in claim 25, further comprising:

a microphone in communication with the voice interaction system for receiving the user's speech.

33. (Original): The browser system, as set forth in claim 25, further comprising:

a telephone in communication with the voice interaction system for receiving the user's speech input.

34. (Original): The browser system, as set forth in claim 24, further comprising:

fifth program instructions for converting the responsive information from a text format to an audio format.

35. (Original): The browser system, as set forth in claim 34, wherein the fifth program instructions are loaded and executed in the network server.

36. (Original): The browser system, as set forth in claim 34, wherein the fifth program instructions are loaded and executed in the data processor.

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37. (Original): The browser system, as set forth in claim 24, further comprising:
fifth program instructions for allowing the user to enter personal information to customize interaction with the browser system.
38. (Original): The browser system, as set forth in claim 24, further comprising:
fifth program instructions for encrypting the user input prior to being transmitted to the wireless communication network.
39. (Original): The browser system, as set forth in claim 24, further comprising:
fifth program instructions for decrypting the responsive information.
40. (Original): The browser system, as set forth in claim 24, further comprising:
fifth program instructions for compressing the user input prior to transmitting the user input to the wireless communication network.
41. (Original): The browser system, as set forth in claim 24, further comprising:
fifth program instructions for decompressing the responsive information.
42. (Canceled)
43. (Original): The browser system, as set forth in claim 24, further comprising:
an input buffer for storing the responsive information until the user commands the browser system to playback the responsive information.
44. (Original): The browser system, as set forth in claim 26, further comprising:

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an input buffer for storing the responsive information until the audio converter processes it.

Claims 45-85 (Withdrawn)

86. (Original): A mobile information network browser device with audio feedback capability, the information network comprising a plurality of network servers, the browser device comprising:

a communication interface operable to receive data from at least one of the network servers; and

a mobile audio device operable to receive the data from the communication interface, the mobile audio device being further operable to convert the data to an audio signal for output to a car radio.

87. (Original): The browser device, as set forth in claim 86, wherein operation of the mobile audio device is controlled with voice commands.

88. (Original): The browser device, as set forth in claim 86, wherein operation of the mobile audio device is controlled with control switches.

89. (Original): The browser device, as set forth in claim 86, wherein the communication interface is operable to receive the data from a wireless communication network.

90. (Original): A mobile information network browser device with audio feedback capability, the information network comprising a plurality of network servers, the browser device comprising:

a communication interface operable to receive data from at least one of the network servers; and

a mobile audio device operable to receive the data from the communication interface, the mobile audio device being further operable to convert the data to an audio signal for output to a telephone.

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91. (Original): The browser device, as set forth in claim 90, wherein operation of the mobile audio device is controlled with voice commands.

92. (Original): The browser device, as set forth in claim 90, wherein operation of the mobile audio device is controlled with control switches.

93. (Original): The browser device, as set forth in claim 90, wherein the communication interface is operable to receive the data from a wireless communication network.

94. (New): A portable browser device for browsing an information network via wireless communication comprising:

computer executable logic instructions operable to:

receive a user's input;

request information from the information network based on the user's input;

receive responsive information from the information network;

determine when the portable browser device is approaching an area where

there is an incidence of wireless data communication loss greater than a pre-selected threshold; and

buffer in a greater amount of the responsive information than usual before the portable browser device reaches the area where there is an incidence of wireless data communication loss greater than a pre-selected threshold; and

a transmitter operable to broadcast data based on the responsive information received from the information network for output on a channel of a car radio.

95. (New): The browser device, as set forth in claim 94, further comprising computer executable logic instructions operable to access a database of information regarding the incidence of data loss in an area.

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96. (New): The browser device, as set forth in claim 94, further comprising computer executable logic instructions operable to allow the user to indicate whether to wait to transmit the responsive information to the car radio until reception improves.
97. (New): The browser device, as set forth in claim 94, further comprising an adapter plug insertable in an automobile cigarette lighter to supply power to the browser device.
98. (New): The browser system, as set forth in claim 24, wherein the browser system is further operable to allow the user to indicate whether to wait to transmit the responsive information to the car radio until reception improves.

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